

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 1-4. (canceled)
5. (withdrawn) The implant according to Claim 3 wherein:
 - a) said supplemental agent is a parasiticide.
6. (withdrawn) The implant according to Claim 5 wherein:
 - a) said parasiticide is chosen from the group consisting essentially of ivermectin, abamectin, doramectin, moxidectin, milbemycin xoime, fenbendazole and oxfendazole.
7. (withdrawn) The implant according to Claim 5 wherein:
 - a) said parasiticide is present in both an immediate release portion and a time delayed portion
8. (withdrawn) The implant according to Claim 1 wherein:
 - a) said growth stimulating agent is estradiol benzoate in a dosage amount in the range from about 5 to 50 milligrams per implant; and
 - b) said supplemental agent is ivermectin in a dosage amount in the range of from about 100 to 500 milligrams per implant.
9. (withdrawn) The implant according to Claim 1 wherein:
 - a) said growth stimulating agent and said supplemental agent are mixed in at least one pellet of said implant.
- 10-12. (canceled)
13. (withdrawn) The implant according to Claim 3 wherein:

- a) said antibiotic is selected from the group consisting essentially of tylosin tartrate, tylosin, oxytetracycline, tilmicosin phosphate, ceftiofur hydrochloride, ceftiofur sodium, sulfadimethoxine, mixtures and bio-effective derivatives thereof.
14. (withdrawn) The implant according to claim 13 wherein:
- a) said growth stimulating agent is estradiol in a dosage amount in the range from about 5 to 50 milligrams per implant; and
 - b) said antibiotic is tilmicosin phosphate in a dosage amount in the range from about 500 to 1500 milligrams per implant.
15. (withdrawn) The implant according to Claim 3 wherein:
- a) said supplemental agent is a somatotropin selected from the group consisting essentially of bovine somatotropin and porcine somatotropin, mixtures and bio-effective derivatives thereof.
16. (withdrawn) The implant according to claim 15 wherein:
- a) said growth stimulating agent is estradiol and said supplemental agent is bovine somatotropin.
17. (withdrawn) The implant according to Claim 3 wherein:
- a) said supplemental agent is gonadotropin selected from the group consisting essentially of luteinizing hormone, follicle stimulating hormone, gonadotropin releasing hormone, commercial analogs thereof, mixtures and bio-effective derivatives thereof.
18. (withdrawn) The implant according to Claim 17 wherein:
- a) said growth stimulating agent is estradiol; and
 - b) said supplemental agent is luteinizing hormone.
19. (withdrawn) A method for providing enhanced physiological growth in an animal; said method comprising:

- a) providing an implanter apparatus for implanting pellets in an animal through the bore of a hypodermic needle which is operably coupled to a pellet magazine;
 - b) loading the pellet magazine with a pelletized implant including a growth stimulating agent dose and a supplemental agent dose;
 - c) inserting the hypodermic needle under the skin of the animal and injecting the implant into the animal; and
 - d) withdrawing the hypodermic needle from under the skin of the animal so as to leave the implant beneath the skin.
20. (withdrawn) The method according to Claim 19 including the step of
- a) selecting said supplemental agent from the group consisting essentially of parasiticides, antibiotics, estrus suppressing compounds, somatotropins, gonadatropins, mixtures and bio-effective derivatives thereof.
21. (withdrawn) The method according to Claim 20 including the steps of:
- a) selecting a parasiticide as said supplemental agent from the group consisting essentially of ivermectin, avermectin, abamectin, doramectin, moxidectin, oxime, oxfendazole, milbeymcin, fenbendazole, lufenuron, mixtures and bio-effective derivatives thereof; and
 - b) selecting the growth stimulating agent dose from the group consisting essentially of trenbolone acetate, estradiol, estradiol benzoate, zeranol, testosterone propionate, and progesterone.
22. (withdrawn) The method according to Claim 21 including the step of selecting ivermectin as the supplemental agent.
23. (withdrawn) The method according to Claim 22 including the step of selecting estradiol as the growth stimulating agent.
24. (withdrawn) The method according to claim 21 including providing the step of a plurality of discrete pellets.

25. (withdrawn) The method according to claim 21 including the step of providing at least one discrete parasiticide agent dose and at least one discrete growth stimulating agent dose.

26. (withdrawn) In a method of administering a subcutaneous implant to an animal, the improvement comprising:

- a) including a growth stimulating agent and a supplemental agent in a single injection.

27. (withdrawn) In an implant adapted for subcutaneous implantation in an animal by an implanter apparatus through the bore of a hypodermic needle which is coupled to a pellet magazine, the improvement comprising:

- a) said implant including at least one pellet sized and shaped to be implanted through the needle and positioned in the magazine for selective alignment of the implant with the needle; and
- b) said implant including a parasiticide agent dose and a growth stimulating agent dose.

28. (withdrawn) The implant according to Claim 27 wherein the parasiticide agent dose includes a composition selected from the group consisting of an avermectin, milbemycin, oxime, fenbendazole, oxfendazole, lufenuron, mixtures and bio-effective derivatives thereof.

29. (withdrawn) The implant according to claim 27 wherein the parasiticide agent comprises ivermectin.

30. (withdrawn) The implant according to Claim 27 wherein the growth stimulating agent dose comprise compositions selected from the group consisting of trenbolone acetate, estradiol, estradiol benzoate, zeranol, testosterone propionate, and progesterone.

31. (withdrawn) The implant according to Claim 28 wherein said parasiticide agent is present in:

- a) an immediate release agent pellet including a disintegration agent; and

b) an extended release agent pellet including a bioerodible matrix.

32. (withdrawn) An implant for subcutaneous implantation in an animal comprising:

- a) at least one discrete parasitocidal agent pellet dose; and
- b) at least one discrete growth stimulating agent pellet dose; all of said pellets being combined in a single unit for implantation side by side into the same site.

33-40. (canceled)

41. (withdrawn) A method for promoting growth in animals comprising:

providing at least one solid bio-accessible pellet having a synergistically effective amount of a growth stimulating agent;

providing at least one solid bio-accessible pellet having a synergistically effective amount of a supplemental agent wherein said pellets synergistically combine to promote growth in an animal; and

implanting said first and second pellets under the skin of an animal.

42. (withdrawn) The method according to claim 41 wherein said growth stimulating agent is selected from the group consisting of trenbolone acetate, estradiol, estradiol benzoate, zeranol, testosterone propionate, progesterone and combinations thereof.

43. (withdrawn) The method according to claim 41 wherein said supplemental agent is selected from the group consisting of parasiticides, estrus-suppressing compositions, antibiotics, somatotropins, gonadotropins and combinations thereof.

44. (withdrawn) The method according to claim 41 wherein at least one of said pellets includes both an immediate release component and a time-delayed component.

45. (withdrawn) The method according to claim 43 wherein said estrus-suppressing composition is selected from the group consisting of melengesterol acetate, norgestomet and combinations thereof.

46. (withdrawn) The method according to claim 43 wherein said estrus-suppressing composition is a progestin.

47. (withdrawn) The method according to claim 41 wherein said growth stimulating agent comprises from about 5 to 400 mg trenbolone acetate and said supplemental agent comprises from about 10 to 100 mg melengesterol acetate.

48-51. (canceled)

52. (withdrawn) The implant according to claim 51 wherein said supplemental agent comprises from about 5-50 mg tylosin tartrate.

53. (currently amended) A bio-absorbable and bio-compatible implant for placement under the skin of an animal comprising:

at least one discrete, solid pellet having a growth promoting agent comprising from about 20-200 mg trenbolone acetate;

at least one discrete, solid pellet having a supplemental agent comprising ~~The implant according to claim 51 wherein said supplemental agent comprises~~ from about 10-100 mg melengesterol acetate;

wherein said agents combine to promote growth in an animal.

54. (canceled)

55. (withdrawn) The implant according to claim 54 wherein said supplemental agent comprises from about 5-50 mg tylosin tartrate.

56. (currently amended) The implant according to claim ~~54~~ 53 wherein said ~~supplemental agent~~ growth promoting agent further comprises from about 5-50 mg estradiol benzoate ~~10-100 mg melengesterol acetate~~.

~~55~~ 57. (canceled)

~~56~~ 58. (canceled)

~~57~~ 59. (currently amended) The implant according to claim ~~55~~ 53 wherein said supplemental agent growth promoting agent further comprises from about 5-50 mg estradiol ~~10-100 mg melengesterol acetate~~.

~~58~~ 60. (canceled)

~~59~~ 61. (withdrawn) The implant according to claim ~~58~~ 60 wherein said supplemental agent comprises from about 5-50 mg tylosin tartrate.

~~60~~ 62. (currently amended) ~~The implant according to claim 58 wherein said supplemental agent comprises~~ A bio-absorbable and bio-compatible implant for placement under the skin of an animal comprising:

at least one discrete, solid pellet having a growth promoting agent comprising from about 5-50 mg estradiol benzoate;

at least one discrete, solid pellet having a supplemental agent comprising from about 10-100 mg melengesterol acetate;

wherein said agents combine to promote growth in an animal.

~~61~~ 63. (canceled)

~~62~~ 64. (canceled)

~~63~~ 65. (withdrawn) The implant according to claim ~~62~~ 64 wherein said supplemental agent comprises from about 5-50 mg tylosin tartrate.

~~64~~ 66. (currently amended) ~~The implant according to claim 62 wherein said supplemental agent comprises~~ A bio-absorbable and bio-compatible implant for placement under the skin of an animal comprising:

at least one discrete, solid pellet having a growth promoting agent comprising from about 5-50 mg estradiol;

at least one discrete, solid pellet having a supplemental agent comprising from
about 10-100 mg melengesterol acetate;
wherein said agents combine to promote growth in an animal.